

ABSTRACT OF THE DISCLOSURE

An apparatus for forming an image by use of a plurality of light beams, which are simultaneously modulated according to image signals and joined together on a photoconductive surface to form the image. The apparatus includes a photoconductive drum having ~~the~~ a photoconductive surface and a reference mark, a pattern supplying unit which supplies image data in synchronization with a detection of the reference mark associated with a rotation of the photoconductive drum, and drawing systems which (i) create moiré stripes on the photoconductive surface by simultaneously drawing overlapping sets of slanted lines with the respective light beams according to the image data, and (ii) draw a reference position mark alongside the moiré stripes on the photoconductive surface according to the image data.